FLÁVIO FILIPE LIMA DOS SANTOS PORTO

Software Engineer

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Languages
English: Fluent
Portuguese: Native Speaker

Links

[Github](#) · [LinkedIn](#) · [Medium](#) · [Marujos Medium](#) · [Dev.to](#)

RESUME

I have been working as a full-stack developer since 2016, acquiring proficiency in multiple programming languages and technologies. I'm looking for new opportunities to work and share my experience, building a great product in a good team.

Skills Key Words

Python; Javascript; Typescript; Golang; NodeJS; AWS; AWS Lambda; Git; CI/CD; DevOps; Django; ReactJS; PostgreSQL; MongoDB; MySQL; DataDog; EKS; SQS; RabbitMQ;AI; PromptEngineering;

EMPLOYMENT HISTORY

Oct 2024 - Now
SINQIA / Thomson Reuters
Software Engineer Senior

Thomson Reuters (via SINQIA Consult)

- **Backend:** Developed APIs features using NestJS, Typescript and Python, Redshift, and Postgress;
- **Frontend:** Developed new features using AngularJS and Typescript;
- **Research AI Team:** Engineered prompts and built APIs to optimize LLM interactions for accuracy and reliability, contributing to the development of AI-driven automation agents;
- **QA:** Automate integrations tests using Postman, Selenium and Cypress;

Dec 2022 - Aug 2024

NTCONSULT US / OPPORTUNITY AT WORK
Backend Python Senior

Opportunity At Work (via NTConsult US)

- **Built Integrations:** Developed new integrations for partners using Python, Serverless Framework, MongoDB, and AWS.
- **Process Automation:** Automated tests and pipelines.
- **DevOps Support:** Assisted the DevOps team with deployments and resource provisioning.
- **Architecture Development:** Designed and documented new architectures.
- **Cross-functional Collaboration:** Worked closely with the product team and other squads.

Additional Projects

- **Server Automation:** Developed server automation scripts using Python.
- **Backend Development:** Worked on backend development using PHP with Laravel.
- **Middleware Development:** Created middleware using NodeJS and Express.

AI Team

- API Development: Developed APIs using Python and Flask for authentication and information provision.
- LLM Training: Trained large language models (Llama 3) to improve the relevance and accuracy of AI-generated outputs for business processes..

Dec 2021 - Jul 2022

SOUTH SYSTEM
Fullstack Software Engineer

Bava Bank (via South System)

- **Backend Development:** Created and maintained features using GoLang and Python.
- **Agile Environment:** Collaborated with architects, designers, and the product team in an Agile setting.
- **Full Stack Development:** Managed the client portal product using ReactJS for the front end and Python with Flask and AWS Lambda for the backend.

Technologies Used

- **Authentication:** Auth0
- **AWS Services:** API Gateway, CloudWatch, Lambda Functions, SNS, SQS, AWS Environment
- **Monitoring:** DataDog
- **Containerization:** Docker
- **Frontend:** ReactJS, JavaScript, TypeScript, Frontend Microservices
- **Backend:** GoLang, Python, Flask, Serverless Framework
- **Databases:** MySQL, PostgreSQL
- **CI/CD:** GitLab, GitLab CICD
- **Methodologies:** Scrum

Mar 2021 - Dec 2021

Bom Pra Crédito
Fullstack Software Engineer

BPC

- **Platform Development:** Designed and developed BPC Invest using NodeJS, TypeScript, AWS Lambda, SQS, and SNS.
- **Legacy Maintenance:** Maintained a legacy project using .NET and RabbitMQ.
- **Automation:** Created a command line tool using Python to automate tests.
- **Program Initiation:** Founded and hosted Tech Talk, an intern program focused on technology and soft skills.

Technologies Used

- **AWS Services:** API Gateway, CloudWatch, Lambda Functions, SNS, SQS, AWS Environment
- **CI/CD:** GitHub, GitHub Actions
- **Backend:** NodeJS, TypeScript, .NET, Serverless Framework
- **Databases:** MongoDB, MySQL, PostgreSQL
- **Messaging:** RabbitMQ
- **Automation:** Python
- **Frontend:** JavaScript

Oct 2020 - Mar 2021

ELLEVEN
Fullstack Software Engineer

Elleven (Novo Horizonte Group)

- **Full Stack Development:** Built web systems using PHP Laravel and CodeIgniter.
- **Frontend Development:** Utilized HTML5, CSS3, JQuery, and Angular.
- **API Integration:** Connected frontend and backend using REST and GraphQL APIs.
- **Desktop Services:** Developed desktop services using Java to connect with external devices.

Technologies Used

- **Frontend:** Angular, HTML5, CSS3, JQuery, JavaScript
- **Backend:** PHP, Laravel, CodeIgniter
- **APIs:** REST, GraphQL
- **Desktop Development:** Java

May 2020 - Oct 2020
NEDDigital
Frontend Software Engineer

- **App Development:** Created client apps using React Native.
- **Web Dashboard Development:** Developed web dashboards using ReactJS.
- **Backend Improvement:** Assisted in enhancing backend functionalities.

Technologies Used

- Frontend: ReactJS, React Native, JavaScript, TypeScript
- Backend: AdonisJS

Feb 2020 - May 2020
IZapSoftworks
Fullstack Software Engineer

- **Project Development:** Worked on a project using PHP and the Symfony Framework.
- **API Integration:** Incorporated GraphQL and external REST APIs.
- **Infrastructure:** Built infrastructure on AWS microservices using Docker and EC2.

Technologies Used

- **Backend:** PHP, Symfony Framework
- **APIs:** REST, GraphQL
- **Infrastructure:** AWS EC2, Docker
- **Databases:** PostgreSQL

- **Frontend:** ReactJS, JavaScript

Nov 2019 - Feb 2020

Vasta
Fullstack Software Engineer

- **Backend Development:** Managed the backend of the Delivery app.
- **Infrastructure Migration:** Designed and migrated the entire infrastructure from WordPress to Laravel.
- **Deployment:** Deployed the system on Digital Ocean.
- **Performance Improvement:** Enhanced the performance of a high-volume request system.

Technologies Used

- **Version Control:** Bitbucket
- **Infrastructure:** Digital Ocean
- **Backend:** PHP, Laravel
- **Databases:** MySQL, PostgreSQL
- **Frontend:** JavaScript, JQuery

Sep 2018 - Nov 2019

Ponto Now
Fullstack Software Engineer

- **Full Stack Development:** Developed both the backend and frontend of the HR management software using PHP and Laravel for the backend and AngularJS for the frontend.
- **Deployment:** Deployed the system on AWS EC2.
- **Process Automation:** Created services using Python and AWS Lambda functions to automate processes.
- **Tool Development:** Developed CLI tools to test the system.

Technologies Used

- **Frontend:** AngularJS, JavaScript
- **Backend:** PHP, Laravel
- **Infrastructure:** AWS EC2, AWS Lambda Functions
- **Version Control:** GitLab
- **Automation:** Python

- **Databases:** MySQL
- **Operating Systems:** Linux

Feb 2018 - May 2019
MeteorJS Brasil
Freelancer App Software Develop

- **Android App Development:** Deployed an Android app using Java and Android Studio to read information from sensors and send it to an API.
- **Web Development:** Developed web pages using the MeteorJS Framework.

Nov 2017 - Feb 2018
Bluetech
Freelancer Software Develop

- **Full Stack Development:** Created a web-based system for user management using Python and Django.
- **Contract Management:** Developed features to manage all contracts.
- **Report Automation:** Automated the process of generating reports.

Jan 2016 - Jun 2017
WSouza Sistemas
Intern Software Develop

- **Module Development:** Built backend modules using PHP and PostgreSQL.
- **Frontend Development:** Created front-end templates using Bootstrap.
- **Android App Development:** Developed an Android application using Java and Android Studio.
- **Process Automation:** Utilized Python to automate processes, improving efficiency.

Technologies Used

- **Frontend:** Bootstrap, HTML, CSS, JavaScript, JQuery
- **Backend:** PHP, PostgreSQL
- **Mobile Development:** Java, Android Studio
- **Automation:** Python
- **Version Control:** GitLab

Academic

February 2018 - 2024
Information System - Instituto Federal de Educação Ciências e Tecnologia da Bahia - IFBA - Vitória da Conquista - BA - *Bachalor*

March 2015 - March 2017
Informatic Technician - Instituto Federal de Educação, Ciência e Tecnologia da Bahia - IFBA - Brumado - BA - *Technician*